APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100310013-9

KURBANGALINA, R. Kh.

Limiting Diameters for Stationary Detonation of a Mixture of Hydrogen Peroxide with Methyl Alchol and of Perchloric Acid with Ethyl Alcohol - Russ per Zhur Fiz Khim No 1/48 AMC/NAD 45475-B Oct 49 CTS

AG426

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100310013-9

Kurbangalina, R. Kh.
THE DETONATING FORCE OF LIQUID EXPLOSIVE MIXTURES BASED ON NITRIC ACID (O Detonatsionnay Sposobnosti Zhidkikh Vzryvchatykh Smesey na Osnove Azotnoy Kisloty). [1961] 9p. 5 refs.
Order from LC or SLA mi$1.80, ph$1.80 AEC-tr-3919

Trans. of Zhurnal Prikladnoy Khimii (USSR) 1959, v. 32, no. 7, p. 1467-1470.
A summary translation is available from LC or SLA mi$1.80, ph$1.80 as 59-22140, AF 1 256 193, 13 Oct 59 [5]p.

Investigations were made of the detonating force of mixtures of nitric acid with nitrobenzene, meta-nitrotoluene, dichloroethane, and glycol. It was established that all these mixtures are explosive, have detonating force, and detonate at rates of the order of 6000 to 7000 m/sec, corresponding to their heat of explosion, density, and the composition of (Engineering--Ordnance, TT, v. 5, no. 9) (over)

61-15999

1. Explosives--Detonation
2. Nitric acid--Detonation
I. Kurbangalina, R. Kh.
II. AEC-tr-3919

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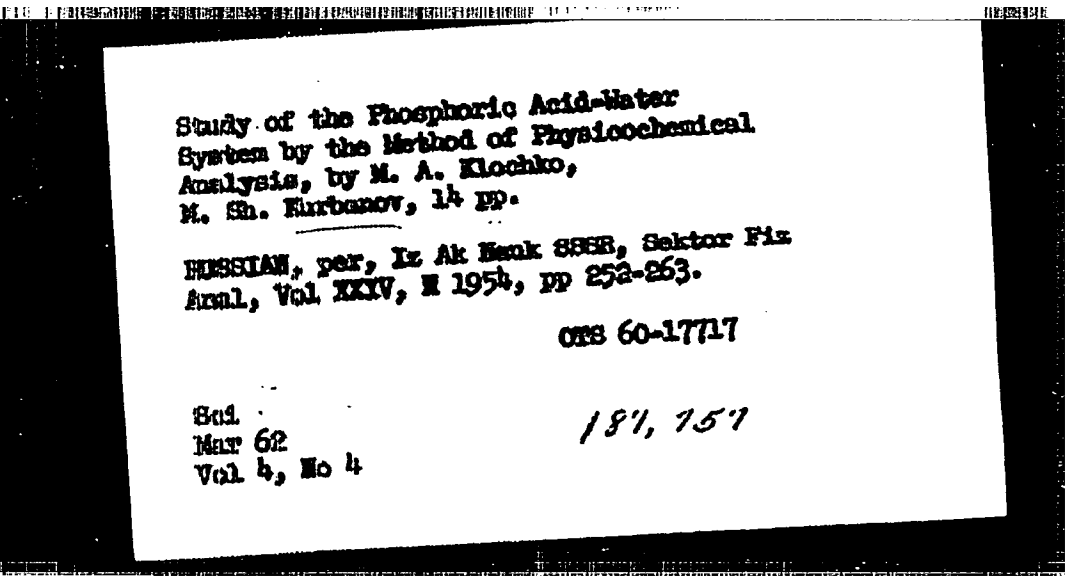

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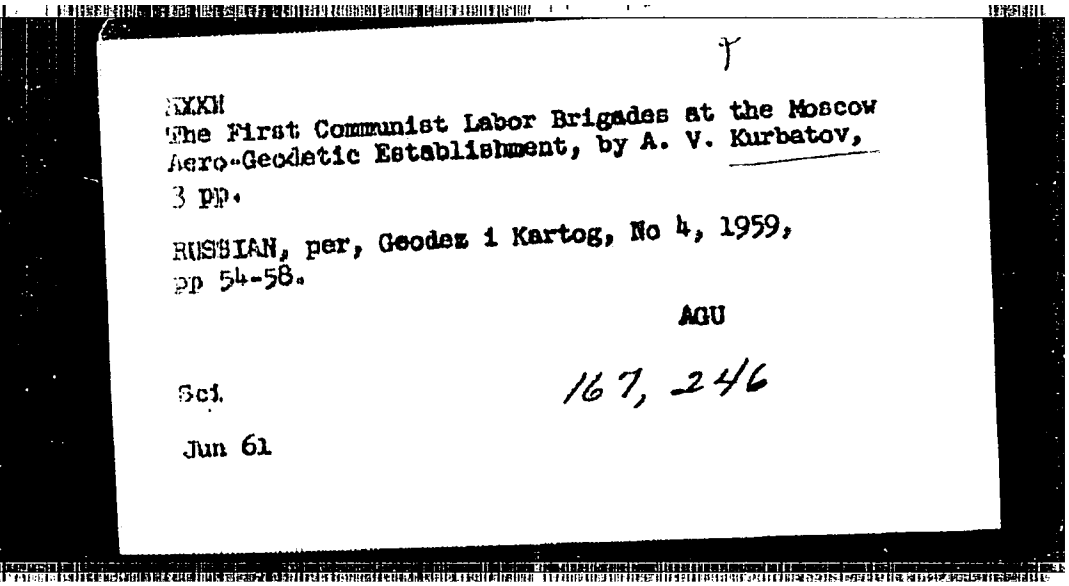

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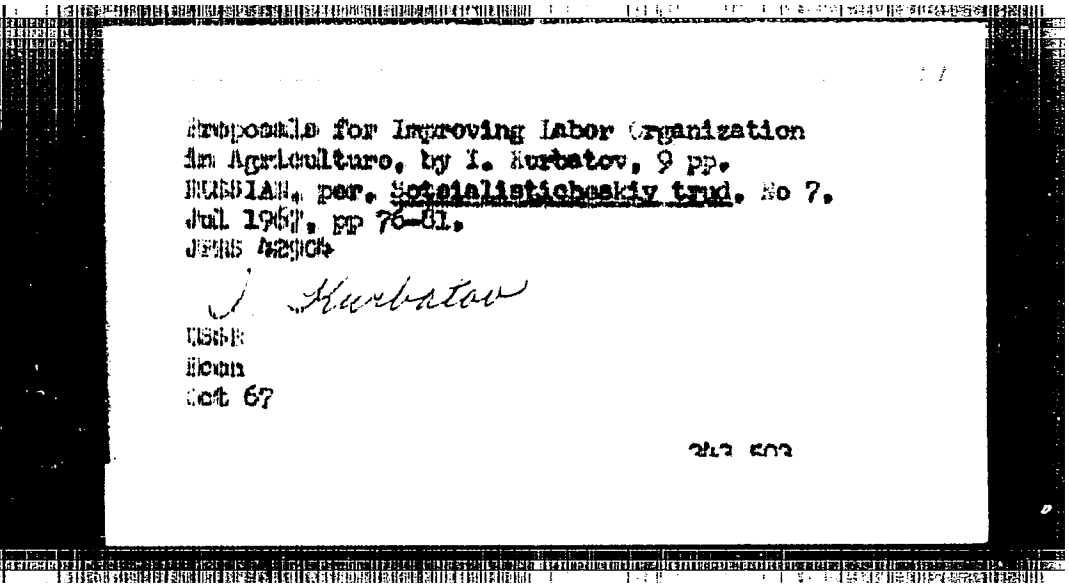

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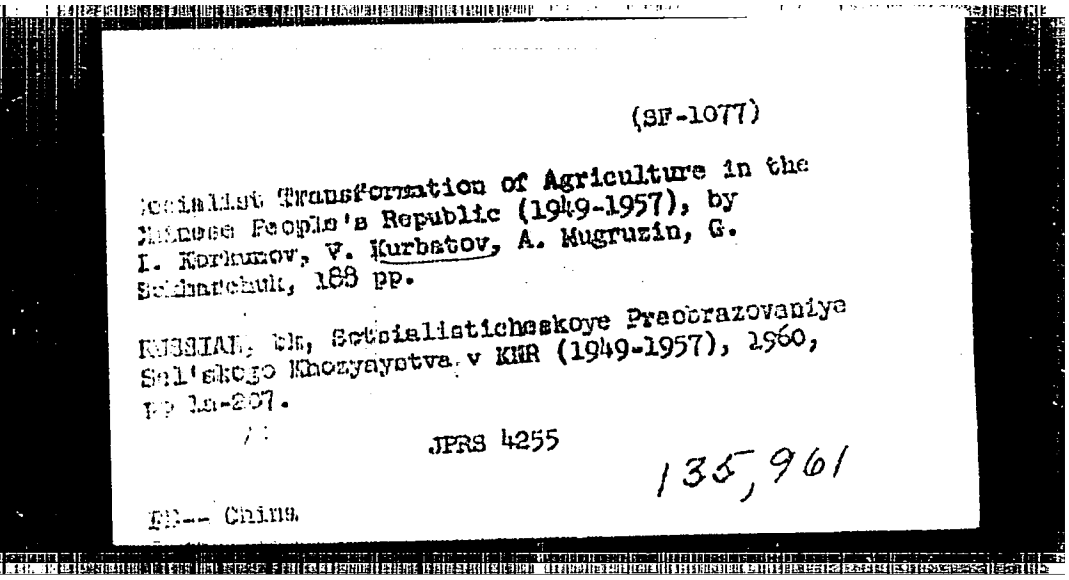

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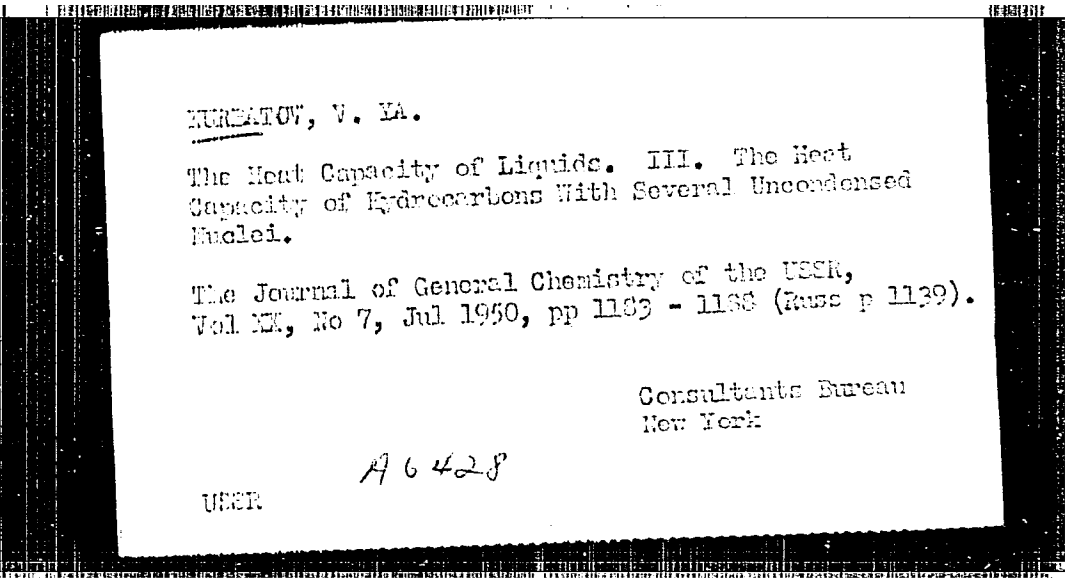

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[1960] 11p. 14 refs.
Order from LC or SLA mi$2.40, ph$3.30 61-10231

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61-10231

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I. Kurbatov, V. Ya.
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